

KC Docket No.: 16282

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sridhar RANGANATHAN
Gabriel Hamman ADAM
Leon Eugene CHAMBERS, Jr.
Paul Windsor ESTEY
Eric Edward LENNON
Shannon Kathleen MELIUS
Debra Jean McDOWALL
William G. REEVES
Susan Elaine SHAWVER

Group No.: 1771

Examiner: E. Cole

Serial No.: 10/036,864

Filing Date: 21 December 2001

Title: NONWOVEN WEB WITH COATED
SUPERABSORBENT

THIRD INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, the references listed on Form PTO-1449 are hereby brought to the attention of the Examiner as being possibly material to examination of the subject patent application.

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

20 May 2004

20 May 04
Date

Roland W Morris
Signature

Serial No.: 10/036,864

KC Docket No.: 16282

Form PTO-1449, nine (9) pages, are enclosed with a copy of each and every reference cited on Form PTO-1449.

Respectfully submitted,



Roland W. Norris
Registration No. 32,799

Pauley Petersen & Erickson
2800 West Higgins Road, Suite 365
Hoffman Estates, Illinois 60195
TEL (847) 490-1400
FAX (847) 490-1403

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1162

SERIAL NO.

10/036,864

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	Re. 29,789	10/1978	Kolbach			
	AB	3,759,775	09/1973	R.C. Sheperd			
	AC	3,803,453	04/1974	Hull			
	AD	3,860,002	01/1975	Kolbach			
	AE	4,016,628	04/1977	Kolbach			
	AF	4,309,479	01/1982	Naruse et al.			
	AG	4,401,708	08/1983	Paul			
	AH	4,542,199	09/1985	Kaminsky et al.			
	AI	4,663,220	05/1987	Wisneski et al.			
	AJ	4,666,647	05/1987	Enloe et al.			
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	0 217 032 B1	02/1993	EP				
	AM	0 345 523 A1	12/1989	EP				
	AN	0 479 442 A1	04/1992	EP				
	AO	0 525 778 A2	02/1993	EP				
	AP	0 533 982 A1	03/1993	EP				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	American Society for Testing Materials (ASTM) Designation: D1921-89, "Standard Test Methods for Particle Size (Sieve Analysis) of Plastic Materials," pp. 493-496, published August 1989.					
	AS	TAPPI Official Test Method T 494 om-96, "Tensile Properties Of Paper And Paperboard (Using Constant Rate Of Elongation Apparatus)," published by the TAPPI Press, Atlanta, Georgia, revised 1996, pp.1-10.					
	AT	Manson, John A. and Leslie H. Sperling, "Bicomponent and Biconstituent Fibers," Polymer Blends and Composites, Plenum Press, New York, Section 9.2 1976, pp. 273-277.					

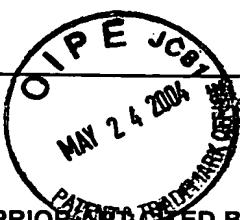
EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/jls

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1162

SERIAL NO.

10/036,864

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,674,966	06/1987	Johnson et al.			
AB	4,704,116	11/1987	Enloe			
AC	4,725,448	02/1988	Fitzpatrick			
AD	4,743,505	05/1988	Yamada et al.			
AE	4,761,258	08/1988	Enloe			
AF	4,767,825	08/1988	Pazos et al.			
AG	4,786,915	11/1988	Cartwright et al.			
AH	4,795,668	01/1989	Krueger et al.			
AI	4,798,603	01/1989	Meyer et al.			
AJ	4,818,315	04/1989	Hellgren et al.			
AK	4,927,582	05/1990	Bryson			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL	0 625 602 A1	11/1994	EP				
AM	0 627 211 A1	12/1994	EP				
AN	0 649 644 B1	04/1995	EP				
AO	0 655 315 B1	08/1995	EP				
AP	0 842 650 A1	05/1998	EP				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR		Metaxas, A.C. and R.J. Meredith, <u>Industrial Microwave Heating</u> , Peter Peregrinus Ltd. London, 1983,
		pp. 183-195, 288-289.
AS		National Materials Advisory Board, <u>Microwave Processing of Materials</u> , Publication NMAB-473,
		National Academy Press, Washington, D.C., 1994, pp.1-150.
AT		Myers, Steve, "Radio Frequency Sealing for Disposable Medical Products, " <u>Medical Device & Diagnostic Industry Magazine</u> , Article Index, Internet web page, " http://www.devicelink.com/mddi/archive/99/12/003.html ," viewed and printed March 24, 2000, 10 pages.

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/jls

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1162

SERIAL NO.

10/036,864

LIST OF PRIOR ART CITED BY APPLICANT
 (Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,057,368	10/1991	Largman et al.			
	AB	5,064,802	11/1991	Stevens et al.			
	AC	5,069,970	12/1991	Largman et al.			
	AD	5,108,820	04/1992	Kaneko et al.			
	AE	5,108,827	04/1992	Gessner			
	AF	5,139,861	08/1992	Williams et al.			
	AG	5,147,343	09/1992	Kellenberger			
	AH	5,148,172	09/1992	Kumurdjian			
	AI	5,155,316	10/1992	Chiu			
	AJ	5,176,668	01/1993	Bernadin			
	AK	5,176,672	01/1993	Bruemmer et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	0 916 328 A1	05/1999	EP				
	AM	1 160 426 A2	12/2001	EP				
	AN	1071191	06/1967	GB				
	AO	1092373	11/1967	GB				
	AP	2 301 350	12/1996	GB				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

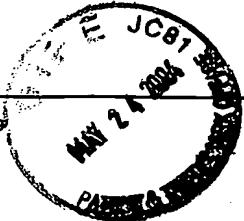
	AR		Paulauskas, Felix, "Reversible Microwave Bonding," Internet web page,
			http://www.ornl.gov/orccmt/pages/projects.html , viewed and printed March 24, 2000, 1 page.
	AS		
	AT		

EXAMINER	DATE CONSIDERED
----------	-----------------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/jls

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
KCC-1162SERIAL NO.
10/036,864**LIST OF PRIOR ART CITED BY APPLICANT**
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,185,506	02/1993	Walters			
	AB	5,217,768	06/1993	Walters et al.			
	AC	5,220,143	06/1993	Kemske et al.			
	AD	5,226,992	07/1993	Morman			
	AE	5,254,821	10/1993	Walters			
	AF	5,294,482	03/1994	Gessner			
	AG	5,304,161	04/1994	Noel et al.			
	AH	5,318,650	06/1994	Kerawalla			
	AI	5,334,446	08/1994	Quantrille et al.			
	AJ	5,350,904	09/1994	Kemske et al.			
	AK	5,374,696	12/1994	Rosen et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	WO 89/11172	11/1989	PCT				
	AM	WO 91/19036	12/1991	PCT				
	AN	WO 95/31165	11/1995	PCT				
	AO	WO 00/37002	06/2000	PCT				
	AP	WO 01/26592	04/2001	PCT				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/jls

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1162

SERIAL NO.

10/036,864

LIST OF PRIOR ART CITED BY APPLICANT
 (Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,393,599	02/1995	Quantrille et al.			
	AB	5,431,991	07/1995	Quantrille et al.			
	AC	5,466,409	11/1995	Partridge et al.			
	AD	5,466,410	11/1995	Hills			
	AE	5,486,166	01/1996	Bishop et al.			
	AF	5,490,846	02/1996	Ellis et al.			
	AG	5,492,754	02/1996	Chen			
	AH	5,496,298	03/1996	Kuepper et al.			
	AI	5,509,915	04/1996	Hanson et al.			
	AJ	5,536,921	07/1996	Hedrick et al.			
	AK	5,540,796	07/1996	Fries			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	WO 01/26595	04/2001	PCT				
	AM	WO 01/35886	05/2001	PCT				
	AN	WO 01/48291	07/2001	PCT				
	AO	WO 01/85824	11/2001	PCT				
	AP	WO 01/95347	12/2001	PCT				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR							
	AS							
	AT							

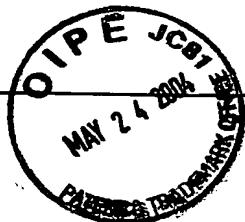
EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/jls

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1162

SERIAL NO.

10/036,864

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,540,992	07/1996	Marcher et al.			
	AB	5,562,646	10/1996	Goldman et al.			
	AC	5,585,170	12/1996	Morris et al.			
	AD	5,595,618	01/1997	Fries et al.			
	AE	5,601,542	02/1997	Melius et al.			
	AF	5,601,544	02/1997	Glaug et al.			
	AG	5,722,967	03/1998	Coles			
	AH	5,786,785	07/1998	Gindrup et al.			
	AI	5,858,515	01/1999	Stokes et al.			
	AJ	5,916,203	06/1999	Brandon et al.			
	AK	5,916,506	06/1999	Breznak et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR							
	AS							
	AT							

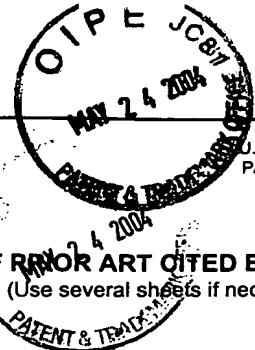
EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/jls

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1162

SERIAL NO.

10/036,864

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,962,108	10/1999	Nestegard et al.			
AB	5,993,433	11/1999	St. Louis et al.			
AC	6,004,422	12/1999	Janovec et al.			
AD	6,024,822	02/2000	Alper et al.			
AE	6,078,035	06/2000	Chittipeddi et al.			
AF	6,160,197	12/2000	Lassen et al.			
AG	6,242,094	06/2001	Breznak et al.			
AH	6,248,097	06/2001	Beitz et al.			
AI	6,328,779	12/2001	He et al.			
AJ	6,330,735	12/2001	Hahn et al.			
AK	6,376,011	04/2002	Reeves et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR							
	AS							
	AT							

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/jls

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1162

SERIAL NO.

10/036,864

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,413,634	07/2002	Tanaka et al.			
	AB	6,419,798	07/2002	Topolkaraev et al.			
	AC	6,495,656	12/2002	Haile et al.			
	AD	6,533,987	03/2003	Topolkaraev et al.			
	AE	6,562,938	05/2003	Haile et al.			
	AF	6,593,255	07/2003	Lawton et al.			
	AG	6,617,490	09/2003	Chen et al.			
	AH	2002/0115977	08/2002	Topolkaraev et al.			
	AI	2002/0150761	10/2002	Lange et al.			
	AJ	2003/0116888	06/2003	Rymer et al.			
	AK	2003/0116890	06/2003	Chambers, Jr. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR							
	AS							
	AT							

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/jls

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
KCC-1162SERIAL NO.
10/036,864**LIST OF PRIOR ART CITED BY APPLICANT**
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2003/0118814	06/2003	Workman, Jr. et al.			
	AB	2003/0118825	06/2003	Melius et al.			
	AC	2003/0119400	06/2003	Beitz et al.			
	AD	2003/0119401	06/2003	Chakravarty et al.			
	AE	2003/0119402	06/2003	Melius et al.			
	AF	2003/0119405	06/2003	Abuto et al.			
	AG	2003/0119406	06/2003	Abuto et al.			
	AH	2003/0119413	06/2003	Chakravarty et al.			
	AI	2003/0129392	07/2003	Abuto et al.			
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR							
	AS							
	AT							

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/ cbs